| TRANSMITTAL LETTER  | ATTORNEY 'S DOCKET NUMBER .                  |   |  |  |  |  |  |
|---|--|---|--|--|--|--|--|
|   | CL001471 PCT-US                              |   |  |  |  |  |  |
| DESIGNATED/ELECTED OFFICE (DO/EO/US)  |  | <u> </u>  |  |  |  |  |  |
| CONCERNING A FILING UNDER 35 U.S.C. 371   |  | U.SaAPPLICATION.NO. (If known, see 37 CFR 1.5) not yet assigned 9 4 0 5 |  |  |  |  |  |
| INTERNATIONAL APPLICATION NO. PCT/US04/17654  | INTERNATIONAL FILING DATE 04 June 2004       | PRIORITY DATE CLAIMED 04 June 2003                                      |  |  |  |  |  |
| TITLE OF INVENTION  |  |   |  |  |  |  |  |
| AMIDINO COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS   |  |   |  |  |  |  |  |
| A DDI IOANIT(S) FOD DOTO/IIS  |  |   |  |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US AXYS PHARMACEUTICALS, INC.  |  |   |  |  |  |  |  |
| Applicant herewith submits to the United St   | tates Designated/Elected Office (DO/EO/US)   | the following items and other information:                              |  |  |  |  |  |
| 1. 🛛 This is a FIRST submission of item   | ns concerning a filing under 35 U.S.C. 371.  |   |  |  |  |  |  |
| 2. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 36 U.S.C. 371.  |  |   |  |  |  |  |  |
| 3. This is an express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below.         |  |   |  |  |  |  |  |
| 4. \( \sum \) The US has been elected by the expiration of 19 months from the priority date (Article 31).   |  |   |  |  |  |  |  |
| 5. A copy of the International Application as filed (35 U.S.C. 37(c)(2))  |  |   |  |  |  |  |  |
| a. is attached hereto (required only if not communicated by the International Bureau).  |  |   |  |  |  |  |  |
| b. has been communicated by the International Bureau  |  |   |  |  |  |  |  |
| c. is not required, as the application was filed in the United States Receiving Office (RO/US).   |  |   |  |  |  |  |  |
| 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).   |  |   |  |  |  |  |  |
| a. is attached hereto.  |  |   |  |  |  |  |  |
|   | ted under 35 U.S.C. 154(d)(4).               |   |  |  |  |  |  |
|   | ternational Application under PCT Article 19 | ) (35 U.S.C. 371(c)(3))   |  |  |  |  |  |
|   |  |   |  |  |  |  |  |
| <ul> <li>a. are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. have been communicated by the International Bureau.</li> </ul> |  |   |  |  |  |  |  |
|   | ver, the time limit for making such amendmen | nts has NOT expired   |  |  |  |  |  |
| d. have not been made and wi  | <del>-</del>                                 | no has tvo i expired.   |  |  |  |  |  |
|   | he amendments to the claims under PCT Art    | icle 10 (35 U.S.C. 371 (c)(3))  |  |  |  |  |  |
|   |  | 1616 19 (33 0.3.C. 371 (C)(3)).   |  |  |  |  |  |
| 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).   |  |   |  |  |  |  |  |
| 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).                          |  |   |  |  |  |  |  |
| Items 11 to 20 below concern docu   |  |   |  |  |  |  |  |
| 11. An Information Disclosure Statemer  |  |   |  |  |  |  |  |
| 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.   |  |   |  |  |  |  |  |
| 13. A preliminary amendment.  |  |   |  |  |  |  |  |
| 14. An Application Data Sheet under 37 CFR 1.76.  |  |   |  |  |  |  |  |
| 15. A substitute specification.   |  |   |  |  |  |  |  |
| 16. A power of attorney and/or change of address letter.  |  |   |  |  |  |  |  |
| 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 – 1.825.   |  |   |  |  |  |  |  |
| 18. A second copy of the published international application under 36 U.S.C.  |  |   |  |  |  |  |  |
| 19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).   |  |   |  |  |  |  |  |
| 20. Other items or information:   |  |   |  |  |  |  |  |
| Copy of International Search Report   |  |   |  |  |  |  |  |
| Return Postcard   |  |   |  |  |  |  |  |
| Express Mail Label no. EV275388553US Mailed December 5, 2005  |  |   |  |  |  |  |  |

| U.S. Application no. (i)   | f known; see 37 CFR | 105             | INTERNATIONAL APPLICATION PCT/US04/17654                       | NO.                | ATTORNEY'S DOCKET NUMBER CL001471 PCT-US |           |  |
|--|---------------------|-----------------|--|--------------------|--|-----------|--|
|  |                     |                 | CALCULATIONS   | PTO USE ONLY       |  |           |  |
| The following fees have been submitted: 21. \( \omega \) Basic national fee  |                     |                 |  |                    |  |           |  |
| 22. Examination Fee  |                     |                 |  |                    |  |           |  |
| If International preliminary examination report prepared by USPTO and all claims satisfy   |                     |                 |  |                    |  |           |  |
| provisions of PCT Article 33(1)-(4)  |                     |                 |  |                    |  |           |  |
| All other situations   |                     |                 |  |                    |  |           |  |
| Search fee (37 CFR 1.445(a)(2) has been paid on the international application to the   |                     |                 |  |                    |  |           |  |
| USPTO as an International Searching Authority  |                     |                 |  |                    |  |           |  |
| International Search Report prepared and provided to the Office  |                     |                 |  |                    |  |           |  |
| TOTAL OF 21, 22 AND 23 =   |                     |                 |  | \$900              |  |           |  |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding  |                     |                 |  |                    |  |           |  |
| sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.                |                     |                 |  |                    |  |           |  |
| Total Sheets   Extra Sheets   Number of each additional 50 or fraction   RATE  |                     |                 |  |                    |  |           |  |
|  |                     | thereof (roun   | d up to a whole number)  |                    | •  |           |  |
| -100 =   | /50 =               | ing the eath or | declaration later than 30 mont                                 | x \$250            |  |           |  |
| earliest claimed p   |                     |                 | icciaration fater than 30 Mont                                 | ns nom the         | <b>s</b>                                 |           |  |
| CLAIMS   |                     | BER FILED       | NUMBER EXTRA   | RATE               |  |           |  |
| Total claims   |                     | - 20 =          |  | x \$ 50            | \$                                       |           |  |
| Independent clair MULTIPLE DEF   |                     | -3 =            | noble)   | x \$200<br>+ \$360 | \$<br>\$                                 |           |  |
| MOLTIFLE DEF   | ENDENT CLA          |                 | OF ABOVE CALCUL  |                    | \$                                       |           |  |
| ☐ Applicant  | claims small e      |                 | _  |                    |  |           |  |
| Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.  |                     |                 | \$   |                    |  |           |  |
| SUBTOTAL =   |                     |                 | \$900  |                    |  |           |  |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i).                         |                     |                 |  | \$                 |  |           |  |
| TOTAL NATIONAL FEE =   |                     |                 |  | \$900              |  |           |  |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + |                     |                 |  | \$0                |  |           |  |
| TOTAL FEES ENCLOSED =  |                     |                 |  |                    | \$900                                    |           |  |
|  |                     |                 |  |                    | Amount to be                             | \$        |  |
|  |                     |                 |  |                    | refunded:<br>charged:                    |           |  |
|  |                     |                 |  |                    | cuargeu:                                 | \$        |  |
| a. A che   | ck in the amoun     | nt of \$        | to cover the above fe  | es is enclosed.    |  |           |  |
| b. 🛭 Please  | charge my Dep       | posit Account N | o. <u>50-0970</u> in the amount of                             | \$900 to cover     | the above fees.                          |           |  |
|  |                     | •               | ed to charge any additional fe<br>50-0970. A duplicate copy of | -                  | 1 ,                                      |           |  |
|  | •                   |                 | i. WARNING: Information  |                    |  | t card    |  |
| infor  | mation should r     | not be included | on this form. Provide credi                                    | t card information | on and authorization on P                | TO-2038.  |  |
|  |                     |                 |  |                    |  |           |  |
|  |                     |                 |  |                    |  |           |  |
|  |                     |                 | er 37 CFR 1.494 or 1.495 ha                                    |                    |  | CFR       |  |
| 1.137(a) or (b) must be filed and granted to restore the International Application to pending status.  |                     |                 |  |                    |  | 11M1      |  |
| SEND ALL CORRESPONDENCE TO:  |                     |                 | Warne h  | 1/UNGODEN          |  |           |  |
| JEIND ALL COR  | GEDI ONDEN          | OL IV.          |  |                    | SIGNATURE                                |           |  |
| 23519  |                     |                 |  |                    | ••••                                     |           |  |
| CELERA, An Ar  | oplera Business     | Corporation     |  |                    | Wayne W. Mo                              | ontgomery |  |
| 180 Kimball Way  | •                   | -               |  |                    | NAME                                     |           |  |
| So. San Francisco  |                     |                 |  |                    |  |           |  |
| Mailed Decembe   | r /, 2005           |                 |  |                    | . 35,016                                 |           |  |
|  |                     |                 |  |                    | REGISTRATION                             | NUMBER    |  |